

**CPC****COOPERATIVE PATENT CLASSIFICATION****A45B**

**WALKING STICKS; UMBRELLAS; LADIES' OR LIKE FANS** ([cane or umbrella stands or holders A47G 25/12](#))

**NOTE**

In this subclass, the following term is used with the meaning indicated:

- "umbrellas" also covers sunshades similar in construction to umbrellas

**Walking sticks; Sticks for umbrellas** ([walking aids, e.g. sticks, for blind persons A61H 3/06](#); [walking sticks formed as supports or tripod stands F16M 13/08](#))

**A45B 1/00**

**Sticks with supporting, hanging or carrying means**

**A45B 1/02**

- Walking sticks with rollers for carrying parcels or the like

**A45B 1/04**

- Walking sticks with means for hanging-up or with locks ([carriers for walking sticks or umbrellas A45F 5/00](#))

**A45B 3/00**

**Sticks combined with other objects**

**A45B 3/02**

- with illuminating devices

**A45B 3/04**

- electrical

**A45B 3/06**

- with coat-hangers

**A45B 3/08**

- with measuring or weighing appliances

**A45B 3/10**

- with purses

**A45B 3/12**

- with telescopes

**A45B 3/14**

- with weapons

**A45B 3/16**

- with smoking appliances

**A45B 5/00**

**Walking sticks or umbrellas convertible into seats; Hunting sticks**

**A45B 7/00**

**Other sticks, e.g. of cranked shape**

**A45B 7/005**

- {crank-shaped}

**A45B 9/00****Details**

- A45B 9/02 . Handles or heads
- A45B 9/04 . Ferrules or tips {(for crutches [A61H 3/0288](#))}
- A45B 9/06 . Sticks with name-plates or the like

**Umbrellas** (tables with means for holding umbrellas [A47B 37/04](#))**A45B 11/00****Umbrellas characterised by their shape or attachment**

- A45B 11/02 . attached to the body of the user
- A45B 11/04 . mounted on the head of the user

**A45B 13/00****Umbrellas made of paper****A45B 15/00****Umbrellas with detachable covers****A45B 17/00****Tiltable umbrellas****A45B 19/00****Special folding or telescoping of umbrellas**

- A45B 19/02 . Inflatable umbrellas; Umbrellas without ribs
- A45B 19/04 . with telescopic sticks
- A45B 19/06 . with telescopic ribs
- A45B 19/08 . with collapsible sticks
- A45B 19/10 . with collapsible ribs
- A45B 19/12 . . in the form of lazy-tongs

**A45B 21/00****Umbrellas convertible into walking sticks****A45B 23/00****Other umbrellas****A45B 25/00****Details of umbrellas** (sticks for umbrellas [A45B 1/00](#) to [A45B 9/00](#); illuminating devices for umbrellas [A45B 3/02](#); {sockets or holders for poles or posts [E04H 12/22](#)})

- A45B 25/006 . {Automatic closing devices ([A45B 25/143](#) takes precedence)}

A45B 25/02	. Umbrella frames
A45B 25/04	. . Devices for making or repairing
A45B 25/06	. Umbrella runners
A45B 25/08	. . Devices for fastening or locking
A45B 25/10	. Umbrella crowns {(A45B 25/06 takes precedence)}
A45B 25/12	. Devices for holding umbrellas closed, e.g. magnetic devices
A45B 25/14	. Devices for opening and for closing umbrellas
A45B 25/143	. . {automatic}
A45B 25/16	. Automatic openers, e.g. frames with spring mechanisms {(A45B 25/143 takes precedence)}
A45B 25/165	. . {with fluid or electric actuators}
A45B 25/18	. Covers (detachable A45B 15/00); Means for fastening same
A45B 25/20	. . Windows in covers
A45B 25/22	. Devices for increasing the resistance of umbrellas to wind
A45B 25/24	. Protective coverings for umbrellas when closed
A45B 25/26	. . Ventilated coverings
A45B 25/28	. Drip receptacles for umbrellas; Attaching devices therefor
A45B 25/30	. Name-plates; Badges; Labelling or marking devices; Means for attaching same (attached to the umbrella stick A45B 9/06)
<b>A45B 27/00</b>	<b>Ladies` or like fans</b>
A45B 27/02	. with mechanical hand-drive
<b>A45B 2009/00</b>	<b>Details</b>
A45B 2009/002	. Accessories
A45B 2009/005	. Shafts
A45B 2009/007	. . of adjustable length, e.g. telescopic shafts
A45B 2009/02	. Handles or heads
A45B 2009/025	. . releasably connected to a wrist strap or a glove
<b>A45B 2011/00</b>	<b>Umbrellas characterised by their shape or attachment</b>

A45B 2011/005	. characterised by their shape
A45B 2017/00	<b>Tiltable umbrellas</b>
A45B 2017/005	. with additional rotation about a vertical axis
A45B 2019/00	<b>Special folding or telescoping of umbrellas</b>
A45B 2019/001	. with elastic ribs
A45B 2019/002	. Umbrellas stored inside the stick when closed, e.g. collapsible into the handle
A45B 2019/004	. with rigid ribs
A45B 2019/005	. without stick
A45B 2019/007	. without stretchers
A45B 2019/008	. Umbrellas having upward pointing rib ends when closed, i.e. the lower dry side of the cover facing the outside when closed
A45B 2019/02	. Inflatable umbrellas; Umbrellas without ribs
A45B 2019/023	. . Umbrellas with stretchers only
A45B 2019/026	. . Umbrellas without ribs
A45B 2023/00	<b>Other umbrellas</b>
A45B 2023/0006	. Portable, self supported sunshades or weather protections
A45B 2023/0012	. Ground supported umbrellas or sunshades on a single post, e.g. resting in or on a surface there below
A45B 2023/0018	. . with a canopy in form of an inverted cone
A45B 2023/0025	. Umbrellas or sunshades mounted laterally on a wall or on an apparatus
A45B 2023/0031	. Cantilever umbrellas or sunshades with a support arm
A45B 2023/0037	. . the support arm being attached to the stick or to the crown, the canopy being suspended there below
A45B 2023/0043	. . the support arm being attached to the stick or to runner, the canopy being suspended there above
A45B 2023/005	. . the support arm being attached to a rib or being formed by a rib
A45B 2023/0056	. . the support arm being formed by lazy-tongs, one support arm being a rib and the other arm being attached to the runner and to the rib
A45B 2023/0062	. . the support arm being telescopic
A45B 2023/0068	. . the support arm being foldable
A45B 2023/0075	. . the support arm being rotatable about a vertical axis for adjusting the position
A45B 2023/0081	. . the support arm being rotatable about a horizontal axis for adjusting the position

- A45B 2023/0087
  - having a planar opening movement wherein the struts or screen sheet rotate and spread around an axis, e.g. around the stick
- A45B 2023/0093
  - Sunshades or weather protections of other than umbrella type
- A45B 2025/00
  - Details of umbrellas** (sticks for umbrellas [A45B 1/00](#) to [A45B 9/00](#); illuminating devices for umbrellas [A45B 3/02](#); {sockets or holders for poles or posts [E04H 12/22](#)})
- A45B 2025/003
  - Accessories not covered by groups [A45B 25/24](#) to [A45B 25/30](#)
- A45B 2025/10
  - Umbrella crowns {([A45B 25/06](#) takes precedence)}
- A45B 2025/105
  - .. movable with respect to the shaft
- A45B 2025/14
  - Devices for opening and for closing umbrellas
- A45B 2025/146
  - .. with a crank connected to a rope
- A45B 2025/18
  - Covers ([detachable A45B 15/00](#)); Means for fastening same
- A45B 2025/183
  - .. Covers with filtering or screening means for avoiding undesired radiation
- A45B 2025/186
  - .. Umbrellas with two or more covers
- A45B 2200/00
  - Details not otherwise provided for in K45B**
- A45B 2200/05
  - Walking sticks
- A45B 2200/055
  - .. for Nordic walking
- A45B 2200/10
  - Umbrellas; Sunshades
- A45B 2200/1009
  - .. combined with other objects
- A45B 2200/1018
  - ... with illuminating devices, e.g. electrical
- A45B 2200/1027
  - ... with means for generating solar energy
- A45B 2200/1036
  - ... with means for promoting air movement, e.g. ventilation holes, fans, ventilators, special shape for ventilation, suction means
- A45B 2200/1045
  - ... with a misting device having at least one nozzle for spraying a fluid, e.g. water
- A45B 2200/1054
  - ... with containers for storing objects, e.g. box
- A45B 2200/1063
  - ... with tables
- A45B 2200/1072
  - ... with other sunshades, awnings or tents
- A45B 2200/1081
  - .. Umbrella handles
- A45B 2200/109
  - ... Sockets therefor